

## LAND JUDGING CAREER DEVELOPMENT EVENT

### *What is it?*

This CDE builds your knowledge about soils, whether it be applied in managing farms, fields, woodlands, in developing communities, or in engineering work. This CDE helps students understand the basic differences in soils. Students will be able to comprehend why soils respond differently to management practices, as well as how soil properties affect crop growth.

### *Career Opportunities*

#### *Career Clusters*

- Agricultural Forestry Production
- Management and Financial Specialties
- Marketing and Financial Specialties
- Science and Engineering
- Social Services
- Education and Communication

#### *Career opportunities found in the career cluster areas:*

- **Agricultural and Forestry Production** – agronomist, field inspector, producer
- **Marketing and Financial Specialties** – field sales representative
- **Science and Engineering** – soil scientist
- **Education and Communication** – postsecondary teacher, farm broadcaster, editor/writer for an agronomy publication

### *Educational Requirements*

**Associate Degree and/or industry training** – producer

**Bachelor Degree** – agronomist, editor/writer, field sales representative, agricultural extension agent

**Graduate Degree** – soil scientist, postsecondary educator

### *SAE Opportunities*

Conducting tests on crops in different soil types and making recommendations, employment at a farm that produces crops, field surveyor, soil conservation, experiment with erosion control methods

### *Proficiency Award Areas*

Environmental Science and Natural Resources

### *Curriculum Resources*

- *Introduction to Horticulture*. 3<sup>rd</sup> Edition, 2000. Interstate Publishers, Inc. Danville, IL.
- *Introductory Horticulture*. 5<sup>th</sup> Edition, 1996. Delmar Publishers, Inc. Albany, NY.
- *Ornamental Horticulture: Science, Operations and Management*. 2<sup>nd</sup> Edition, 1994. Delmar Publishers Inc., Albany, NY.
- *www.Landjudging.com*
- *Soil Science and Management*. 4<sup>th</sup> Edition 2003. Delmar Publishers, Inc. Albany, NY.
- *Fundamental Soil Science*. 2006. Delmar Publishers, Inc. Albany, NY.
- CAERT Library Lessons – *Animal, Plant & Soil Science Library*